

GenCore version 4.5  
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OM nucleic - nucleic search, using sw model

Run on: March 2, 2002, 18:58:14 ; Search time 224.86 Seconds  
(without alignments)  
3931.084 Million cell updates/sec

Title: US-09-622-745A-1

Perfect score: 3903  
Sequence: 1 gatcataatattgaagtt.....catggcgctctacttag 3903

Scoring table: IDENTITY\_NUC  
Gapop 10.0 , Gapext 1.0

Searched: 351203 seqs, 113238999 residues

Total number of hits satisfying chosen parameters: 702406

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Maximum Match 100%

Listing first 45 summaries

Database :

Issued Patents NA: \*  
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Pred. No. is the number of results predicted by chance to have a  
score greater than or equal to the score of the result being printed,  
and is derived by analysis of the total score distribution.

#### SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
C 1	290.6	7.4	87350	3 US-08-781-891-79	Sequence 79, Appl
2	209.2	5.4	31571	1 US-08-323-443B-1	Sequence 1, Appl
3	209.2	5.4	53526	3 US-08-658-136-2	Sequence 2, Appl
4	209.2	5.4	53577	3 US-08-658-136-1	Sequence 1, Appl
5	207.2	5.3	35060	3 US-08-814-095-7	Sequence 7, Appl
C 6	197.8	5.1	14796	4 US-08-975-080-35	Sequence 35, Appl
C 7	197.8	5.1	14796	4 US-09-630-706-10	Sequence 10, Appl
C 8	190.2	4.9	246240	2 US-08-724-394A-20	Sequence 20, Appl
C 9	190.2	4.9	246240	2 US-08-724-394A-21	Sequence 21, Appl
C 10	190.2	4.9	246240	2 US-08-724-394A-22	Sequence 22, Appl
11	189.2	4.8	14636	4 US-09-173-914-6	Sequence 6, Appl
12	188.6	4.8	3885	1 US-08-688-145-1	Sequence 1, Appl
C 13	186.2	4.8	609	4 US-09-385-982-237	Sequence 237, App
C 14	185.8	4.8	40352	3 US-08-846-111D-15	Sequence 15, Appl
15	184.2	4.7	7676	1 US-08-451-777A-7	Sequence 7, Appl
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17	184.2	4.7	7676	2 US-08-998-208-7	Sequence 7, Appl
18	184.2	4.7	7676	5 PCT-US95-06743-7	Sequence 7, Appl
19	181.2	4.6	20303	1 US-08-370-975B-6	Sequence 6, Appl
20	181.2	4.6	26764	1 US-08-370-975B-1	Sequence 1, Appl
21	180.8	4.6	72928	3 US-09-009-913-1	Sequence 1, Appl
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#### ALIGNMENTS

RESULT 1  
US-08-781-891-79/c

Sequence 79, Application US/08781891  
Patent No. 6090620

GENERAL INFORMATION:

APPLICANT: FU, Ying-Hui

APPLICANT: YU, Chang-Ea

APPLICANT: Oshima, Junko

APPLICANT: Mulligan, John T.

APPLICANT: Schellenberg, Gerald D.

TITLE OF INVENTION: GENE AND GENE PRODUCTS RELATED TO

NUMBER OF SEQUENCES: 209

CORRESPONDENCE ADDRESS:

ADDRESSER: SEED AND BERRY LLP

STREET: 6300 Columbia Center, 701 Fifth Avenue

CITY: Seattle

STATE: Washington

COUNTRY: USA

ZIP: 98104-7092

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/781,891

FILING DATE: 27-DEC-1996

CLASSIFICATION: B00

ATTORNEY/AGENT INFORMATION:

NAME: No. 6090620tenburg Ph.D., Carol

REGISTRATION NUMBER: 39,317

REFERENCE/DOCKET NUMBER: 240052.419

TELECOMMUNICATION INFORMATION:

TELEPHONE: (206) 622-4900

FAX: (206) 682-6031

INFORMATION FOR SEQ ID NO: 79:

SEQUENCE CHARACTERISTICS:

LENGTH: 87350 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-08-781-891-79

Query Match 7.4% Score 290.6; DB 3; Length 87350;

Best local Similarity 78.2%; Pred. No. 3.1e-49;

Matches 465; Conservative 0; Mismatches 89; Indels 41; Gaps 8;

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: Sequence 1, Application US/08323443B			
: Patent No. 5654170			
: GENERAL INFORMATION:			
: APPLICANT: KLINGER, KATHERINE W.			
: APPLICANT: LANDES, GREGORY M.			
: APPLICANT: BURN, TIMOTHY C.			
: APPLICANT: CONNORS, TIMOTHY D.			
: APPLICANT: DACKOWSKI, WILLIAM R.			
: APPLICANT: GERMINO, GREGORY			
: APPLICANT: OLAN, FENG			
: TITLE OF INVENTION: POLYCYSTIC KIDNEY DISEASE GENE			
: NUMBER OF SEQUENCES: 8			
: CORRESPONDENCE ADDRESS:			
: STREET: Darby & Darby PC			
: CITY: New York			
: STATE: NY			
: COUNTRY: USA			
: ZIP: 10022			
: COMPUTER READABLE FORM:			
: MEDIUM TYPE: Floppy disk			
: COMPUTER: IBM PC compatible			
: OPERATING SYSTEM: PC-DOS/MS-DOS			
: SOFTWARE: Patentin Release #1.0, Version #1.30			
: CURRENT APPLICATION DATA:			
: APPLICATION NUMBER: US/08/323.443B			
: FILING DATE: 12-OCT-1994			
: CLASSIFICATION: 435			
: ATTORNEY/AGENT INFORMATION:			
: NAME: Ludwig, S. Peter			
: REGISTRATION NUMBER: 25,351			

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1 REFERENCE/DOCKET NUMBER: 0372/0A462
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3 TELECOMMUNICATION INFORMATION:
4
5 TELEPHONE: (212) 527-7700
6
7 TELEFAX: (212) 753-6237
8
9 INFORMATION FOR SEQ ID NO: 1:
10
11 SEQUENCE CHARACTERISTICS:
12
13 LENGTH: 31571 base pairs
14
15 TYPE: nucleic acid
16
17 STRANDEDNESS: single
18
19 TOPOLOGY: linear
20
21 MOLECULE TYPE: DNA (genomic)
22
23 HYPOTHETICAL: NO
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25 ORIGINAL SOURCE:
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27 ORGANISM: Homo sapiens
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29 IMMEDIATE SOURCE:
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31 CLONE: PKD1 GENOMIC
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[illegible]





TITLE OF INVENTION: ANTI-CHOLINESTERASE SUBSTANCES  
NUMBER OF SEQUENCES: 7  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: KOHN & ASSOCIATES  
STREET: 30500 No. 6025183thwestern Highway, Suite 410  
CITY: Farmington Hills  
STATE: Michigan  
COUNTRY: U.S.  
ZIP: 48334  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/814,095  
FILING DATE:  
CLASSIFICATION: 800  
ATTORNEY/AGENT INFORMATION:  
NAME: Montgomery, Ilene N.  
REGISTRATION NUMBER: 38,972  
REFERENCE/DOCKET NUMBER: 2391,00066  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (248) 539-5050  
TELEFAX: (248) 539-5055  
INFORMATION FOR SEQ ID NO: 7:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 35060 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: double  
TOPOLOGY: linear  
MOLECULE TYPE: other nucleic acid  
DESCRIPTION: /desc = "Cosmid including AChE  
DESCRIPTION: promoter, AChE gene and Ars gene"  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
ORIGINAL SOURCE:  
ORGANISM: Homo sapiens  
POSITION IN GENOME:  
CHROMOSOME/SEGMENT: 7q22  
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 : Sequence 21, Application US/08724394A  
 : Patent No. 5872237  
 : GENERAL INFORMATION:  
 : APPLICANT: Feder, John N.  
 : APPLICANT: Krommal, Gregory S.  
 : APPLICANT: Lauer, Peter M.  
 : APPLICANT: Ruddy, David A.  
 : APPLICANT: Thomas, Winston  
 : APPLICANT: Tsuchihashi, Zenta  
 : APPLICANT: Wolf, Roger K.  
 : TITLE OF INVENTION: Megabase Transcript Map: No. 5872237e1  
 : TITLE OF INVENTION: Sequences and Antibodies Thereo  
 : NUMBER OF SEQUENCES: 31  
 : CORRESPONDENCE ADDRESS:  
 : ADDRESSER: TOWNSEND and TOWNSEND and CREW LLP  
 : STREET: Two Embarcadero Center, 8th Floor  
 : CITY: San Francisco  
 : STATE: CA  
 : COUNTRY: USA  
 : ZIP: 94111-3834

COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: Patent Release #1.0, Version #1.30  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/724,394A  
 FILING DATE: 01-OCT-1996  
 CLASSIFICATION: 536  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Feltz, Renee A.  
 REGISTRATION NUMBER: 35,136  
 REFERENCE/DOCKET NUMBER: 017957-000100  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: 415-576-0300  
 TELEFAX: 415-576-0200  
 INFORMATION FOR SEQ ID NO: 21:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 246240 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: not relevant  
 TOPOLOGY: not relevant  
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 US-08-724-394A-21

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 Sequence 237, Application US/09385982  
 Patent No. 6262334  
 GENERAL INFORMATION:  
 APPLICANT: ENDEGE, WILSON O., ET AL.  
 TITLE OF INVENTION: NOVEL HUMAN GENES AND GENE EXPRESSION  
 TITLE OF INVENTION: PRODUCTS: II  
 FILE REFERENCE: CODNA-260XX  
 CURRENT APPLICATION NUMBER: US/09/385,982  
 CURRENT FILING DATE: 1999-08-30  
 EARLIER APPLICATION NUMBER: 09/328,111  
 EARLIER FILING DATE: 1999-06-08  
 EARLIER APPLICATION NUMBER: 60/117,393  
 EARLIER FILING DATE: 1999-01-27  
 EARLIER APPLICATION NUMBER: 60/098,639  
 EARLIER FILING DATE: 1998-08-31  
 NUMBER OF SEQ ID NOS: 544  
 SOFTWARE: FastSeq for Windows Version 3.0  
 SEQ ID NO 237  
 LENGTH: 609  
 TYPES: DNA  
 ORGANISM: Homo sapiens  
 FEATURE:  
 NAME/KEY: misc\_feature  
 LOCATION: (1)...(609)  
 OTHER INFORMATION: n = A,T,C or G





Sun Mar 3 13:40:40 2002

us-09-622-745a-1.rtf





GenCore version 4.5  
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Run on: March 2, 2002, 21:30:52 ; Search time 224.86 Seconds  
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Searched: 351203 seqs, 11323899 residues

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Minimum DB seq length: 0  
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score greater than or equal to the score of the result being printed,  
and is derived by analysis of the total score distribution.

#### SUMMARIES

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4	118.2	2.6	4897 6	5196516-7 Patent No. 5196516
5	105.2	2.3	319 4	US-09-165-264-8 Sequence 8, Appl
6	103.6	2.3	320 4	US-09-165-264-7 Sequence 7, Appl
7	103.4	2.3	320 4	US-09-165-264-13 Sequence 13, Appl
8	103.2	2.2	320 4	US-09-165-264-11 Sequence 11, Appl
9	101.8	2.2	320 4	US-09-165-264-14 Sequence 14, Appl
10	101.4	2.2	318 4	US-09-165-264-12 Sequence 12, Appl
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12	89	1.9	152331 3	US-09-128-155-16 Sequence 16, Appl
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21	85.8	1.9	10596 5	US-08-194-087-15 Sequence 15, Appl
22	81.6	1.8	12001 1	PCT-US93-04648-15 Sequence 15, Appl
23	74.2	1.6	31571 1	US-08-458-568A-11 Sequence 11, Appl
24	73.2	1.6	32207 2	US-08-323-443B-1 Sequence 1, Appl
25	73.2	1.6	32207 2	US-08-770-379-20 Sequence 20, Appl
26	69	1.5	950 4	US-08-757-669A-20 Sequence 20, Appl
27	63.6	1.4	697 4	US-08-991-789A-6 Sequence 6, Appl
				US-09-040-984-17 Sequence 17, Appl

28	63	1.4	678 4	US-09-040-984-52	Sequence 52, Appl
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30	58.4	1.3	405 2	US-08-903-800A-3	Sequence 3, Appl
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33	58.4	1.3	4698 1	US-08-142-368A-5	Sequence 5, Appl
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35	58.4	1.3	4698 4	US-08-037-230D-5	Sequence 5, Appl
36	57.2	1.2	446 2	US-08-332-766A-26	Sequence 26, Appl
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43	55.2	1.2	12001 1	US-08-458-568A-11	Sequence 11, Appl
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45	55	1.2	289 4	US-09-244-796-17	Sequence 17, Appl

#### ALIGNMENTS

RESULT 1  
US-08-232-463-14  
Sequence 14, Application US/08232463  
Patent No. 5670367  
GENERAL INFORMATION:  
APPLICANT: DORNER, F.  
APPLICANT: SCHEIFLINGER, F.  
TITLE OF INVENTION: RECOMBINANT FOWLPOX VIRUS  
NUMBER OF SEQUENCES: 52  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Foley & Lardner  
STREET: 1800 diagonal Road, Suite 500  
CITY: Alexandria  
STATE: VA  
COUNTRY: USA  
ZIP: 22313-0299  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/232,463  
FILING DATE:  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/07/935,313  
FILING DATE:  
APPLICATION NUMBER: EP 91 114 300.6  
FILING DATE: 26-AUG-1991  
ATTORNEY/AGENT INFORMATION:  
NAME: BENT, Stephen A.  
REGISTRATION NUMBER: 29,768  
REFERENCE/DOCKET NUMBER: 30472/114 IMM  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (703)836-9300  
TELEFAX: (703)683-4109  
TELEX: 899149  
INFORMATION FOR SEQ ID NO: 14:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 7218 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
IMMEDIATE SOURCE:  
CLONE: pTZgpt-Fls  
US-08-232-463-14

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TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-658-136-2

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Best Local Similarity 51.7%;  Pred. No. 1.7e-22;
Matches 343;  Conservative 0;  Mismatches 316;  Indels 4;  Gaps 2;

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DB  34471  GCCCTCCCTCCCTCCCTCCCTCCCTCCCTCCCTCCCTCCCTCCCTCCCTCCCTCCCTCCCTCC 34530

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DB  34588  CTCCTCCCTCCCTCCCTCCCTCCCTCCCTCCCTCCCTCCCTCCCTCCCTCCCTCCCTCCCTCC 34647

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DB  34887  CTC 34889

RESULT 3
US-08-658-136-1
Sequence 1, Application US/08658136
Patent No. 6071717
GENERAL INFORMATION:
APPLICANT: KLINGER, KATHERINE W
APPLICANT: LANDES, GREGORY M
APPLICANT: BURN, TIMOTHY C
APPLICANT: CONNORS, TIMOTHY D
APPLICANT: DACKOMSKI, WILLIAM
APPLICANT: GERRINO, GREGORY
APPLICANT: OLAN, FENG
TITLE OF INVENTION: POLYCYSTIC KIDNEY DISEASE GENE

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QY	4308	tgaagctaaagacccccctccagagcccaatctccctcgtcctccctccctccgt	4367
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QY	4368	cggtc	4372
Db	4441	cccttc	4445

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RESULT      5
US-09-165-264-8/c
: Sequence 8, Application US/09165264
: Patent No. 6197510
: GENERAL INFORMATION:
: APPLICANT: Vinayagamorthy, Thiraiayah
: TITLE OF INVENTION: Multi-Local Genomic Analysis
: FILE REFERENCE: 44747
: CURRENT APPLICATION NUMBER: US/09/165,264
: CURRENT FILING DATE: 1998-10-01
: NUMBER OF SEQ. ID NOS: 14
: SOFTWARE: PatentIn Ver. 2.1
: SEQ ID NO 8
: LENGTH: 319
: TYPE: DNA
: ORGANISM: Artificial Sequence
: FEATURE:
: OTHER INFORMATION: Description of Artificial Sequence: Primer sequence
: US-09-165-264-8

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Query Match	2.3%	Score 105.2;	DB 4;	Length 319;
Best Local Similarity	58.7%;	Pred. No. 1.3e-17;		
Matches 182;	Conservative	0;	Mismatches 128;	Indels 0;
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RESULT 6
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: Sequence 7, Application US/09165264
: Patent No. 6197510
: GENERAL INFORMATION:
: APPLICANT: Vinayagamootthy, Thuraiyah
: TITLE OF INVENTION: Multi-Loct Genomic A
: FILE REFERENCE: 44747
: CURRENT APPLICATION NUMBER: US/09/165, 264
: CURRENT FILING DATE: 1998-10-01
: NUMBER OF SEQ ID NOS: 14
: SOFTWARE: PatentIn Ver. 2.1
: SEQ ID NO 7
: LENGTH: 320

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1 TYPE: DNA
2 ORGANISM: Artificial Sequence
3 FEATURE:
4 OTHER INFORMATION: Description of Artificial Sequence:Primer sequence
5 US-09-165-264-7

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Query Match	2.3%	Score 103.6;	DB 4;	Length 320;
Best-local Similarity	58.4%;	Pred. No. 3.4e-17;		
Matches 181; Conservative	0;	Mismatches 129;	Indels 0;	Gaps 0;

**QY** 4056 ggcctccgagcgttcacctccgccacaccggccctctcgtgaacgcccgttcccatcttcc 4115  
Db 313 GCATGGCTAGACGTACC 254

**QY** 4116 tcccccttgaggctccacctaaagtatgatgcctctccctctcttttgtcttctccctga 4175  
Db 263 CC 194

**QY** 4176 gattgataccaccctccctctcccgccctccctctcgaattgcctccacctggagctgcgt 4235  
Db 193 CC 134

**QY** 4236 tccccctccggccccccttctcgtcctcccaagctcccgccggccccccaacccccgctgcc 4285  
Db 133 CC 74

**QY** 4296 gagcgccgacgttgacgttcagagcccccctccagccccacatctcctactgctcctct 4355  
Db 73 CC 14

**QY** 4356 cctccctcc 4365  
Db 13 CCCCCCCCCC 4

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RESULT: 7
US-09-165-264-13/C
; Sequence 13, Application US/09165264
; Patent No. 6197510
; GENERAL INFORMATION:
; APPLICANT: Vinayagamorthy, Thuralayah
; TITLE OF INVENTION: Multi-Local Genomic Analysis
; FILE REFERENCE: 44747
; CURRENT APPLICATION NUMBER: US/09/165,264
; CURRENT FILING DATE: 1998-10-01
; NUMBER OF SEQ. ID NOS: 14
; SOFTWARE: PatentIn Ver. 2.1
; SEQ. ID NO. 13
; LENGTH: 320
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer sequence
; US-09-165-264-13

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Query Match	2.3%	Score 103.4;	DB 4;	Length 320;
Best local Similarity	58.7%	Pred. No. 3.8e-17;		
Matches 179; Conservative	0;	Mismatches 126;	Indels 0;	Gaps 0;

[illegible]











Sun Mar 3 13:40:41 2002

us-09-622-745a-2.rtf

